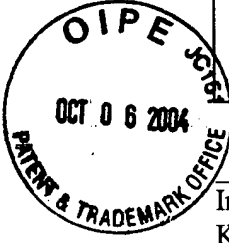


10/08/04

1631  
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL931675957US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.  
Dated: October 6, 2004  
Signature: *[Signature]*  
(Michael J. Bastian, Ph.D.)

Docket No.: SY9-155  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kenneth C. Parker

Application No.: 09/745920

Art Unit: 1631

Filed: December 21, 2000

Examiner: Smith, Carolyn L.

For: METHODS AND APPARATUS FOR MASS  
FINGERPRINTING OF BIOMOLECULES

**RESUBMITTAL OF AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION  
ORIGINALLY FILED JUNE 14, 2004**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In Response to the Office Communication dated September 15, 2004, ("the Communication") Applicant resubmits the Amendment in Response to Non-final Office Action originally filed June 14, 2004 ("the Response"). The Communication indicates the Response as non-responsive because the claims are single spaced. Accordingly, Applicant resubmits the Response with the claims in double-spaced format as requested in the Communication.

In response to the Office Action dated January 12, 2004 ("the Office Action"), Applicant resubmits the Response. Reconsideration and further examination are requested.

Applicant believes no additional fee is due with this resubmittal. However, if a fee is due, please charge our Deposit Account No. 12-0080, under Order No. SY9-155 from which the undersigned is authorized to draw.

Please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 16 of this paper.



PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/745,920	
	Filing Date	December 21, 2000	
	First Named Inventor	Kenneth C. Parker	
	Art Unit	1631	
	Examiner Name	Carolyn L. Smith	
Total Number of Pages in This Submission	21	Attorney Docket Number	SY9-155

ENCLOSURES (Check all that apply)			
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Resubmittal of Amendment in Response to Non-Final Office Action (20 pages); Return Receipt Postcard	
<table border="1"><tr><td>Remarks</td></tr></table>			Remarks
Remarks			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	LAHIVE & COCKFIELD, LLP Michael J. Bastian, Reg. No. 47,411
Signature	
Date	October 6, 2004

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Dated: October 6, 2004

Signature: (Michael J. Bastian)